Data Sheet

SENCITY® Spot-S circular polarized Planar Antenna
1308.99.0004

Description

SENCITY Spot-S planar antenna for 866 MHz ISM bands
Gain: 3.5 dBi
Polarization: circular - right hand
Frequency - band: 865 to 870 MHz
Half power beamwidth: 90° / 135° (vert. / hor.)

For outdoor or indoor mounting IP66 / IP67

Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	865 - 870
VSWR	2
Impedance (Ohm)	50
Gain (dBi)	3.5
3dB beamwidth (h) (°)	135
3dB beamwidth (v) (°)	90
Composite power max (W)	10
Ambient temperature (°C)	25
Vertical electrical tilt (°)	0

Ports

	Port 1
Connector	SMA, jack (female)
Polarization	circular right
DC grounded	No

General Data

Mechanical Data

Dimensions (mm)	100 x 81 x 36 (Heigth x Width x Depth)
Weight (kg)	0.18
Windload	frontal: 15 N at km/h , Wind speed survival: km/h
Included mounting material	Wall mounting material

Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature (°C)	-40 to 85
Storage temperature (°C)	-40 to 85
Transport temperature (°C)	-40 to 85
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/EC	compliant

IP Rating: IP66 / IP67 (IEC 60529)

Material Data

Radome colour	RAL 7044 (grey)
Radome material	PC (Polycarbonate)

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Related Products

9091.99.0238 Outdoor Spot-S Antenna Down-Sidetilt Bracket
9091.99.0237 L-Bracket for SPOT-S antennas

Related Documents

Mounting instruction	DOC-0000287053
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00138514
3D-model	DOC-0000331433

Additional Information

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.